

What is claimed is:

1. A device for storing a tissue specimen comprising:

a sealable, substantially liquid impervious container; and

a first support member received within the container and having a first surface for supporting a tissue specimen;

5 wherein the container has a flexible portion that permits grasping and manipulation of the tissue specimen from outside the container.

2. A device as defined in claim 1, wherein the container is a flexible bag defining a sealable, substantially fluid-tight chamber, and the flexible portion is defined by a portion of the bag folded inwardly and extending into the chamber.

3. A device as defined claim 2, wherein the flexible bag is formed of plastic.

4. A device as defined in claim 1, wherein the first support member is formed substantially of a substantially rigid material.

5. A device as defined in claim 1, wherein the first support member contains a coating to prevent relative movement between the tissue specimen and first support member.

6. A device as defined in claim 1, wherein a first locating indicia is located on the first support member and visually represents the position of the tissue specimen on the first support member.

7. A device as defined in claim 6, wherein the first locating indicia is at least one of a line, a plurality of intersecting lines, a two-dimensional Cartesian plane, a grid pattern, a circle, a plurality of substantially concentric circles, and a combination of any of the foregoing.
8. A device as defined in claim 1, wherein the first support member is substantially liquid impervious.
9. A device as defined in claim 1, wherein the liquid impervious container permits the uninterrupted transmission of sound waves therethrough.
10. A device as defined in claim 1, wherein the flexible portion of the container includes at least one portion which folds inward and extends into the container.
11. A device as defined in claim 1, wherein the liquid impervious container contains a plurality of said flexible portions.
12. A device as defined in claim 1, wherein the liquid impervious container contains a plurality of said flexible portions, each with at least one portion which folds inward and extends into the container.
13. A device as defined in claim 1, wherein a second locating indicia is located on a second side of the first support member, and said second locating indicia is substantially radiopaque when viewed on a radiograph.
14. A device as defined in claim 13, wherein the second locating indicia is defined by a low density material forming grooves in the first support member.

15. A device as defined in claim 13, wherein the second locating indicia is at least one of a line, a plurality of intersecting lines, a two-dimensional Cartesian plane, a grid pattern, a circle, a plurality of substantially concentric circles, and a combination of any of the foregoing and is substantially in registration with the first locating indicia.

16. A device as defined in claim 15, wherein the low density material further includes alpha-numeric designations formed there.

17. A device as defined in claim 16, wherein the low density material is a plastic.

18. A device of claim 1, further comprising an indicating member that is at least partially radiopaque, and is movably mounted to the first support member, and wherein the indicating member is capable of being disposed to at least two positions indicative of at least a first radiographic image of a tissue specimen, and a second radiographic image of a tissue specimen.

19. A device as defined in claim 2, wherein the flexible portion defines a manually engageable portion that is locatable on substantially opposite sides of the tissue specimen relative to each other and is manually engageable by a user for grasping and manipulating the position of the tissue specimen on the support.

20. A device for storing a tissue specimen comprising:

a sealable, substantially liquid impervious container having a flexible portion;

a first support member received within the container having a first surface for supporting a tissue specimen; and

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a second support member extending from said first support member for biasing at least a portion of said flexible portion away from the first support member.

21. A device as defined in claim 20, wherein the container is a flexible bag defining a sealable, substantially fluid-tight chamber.

22. A device as defined claim 21, wherein the flexible bag is formed of plastic.

23. A device as defined in claim 20, wherein the first support member is formed of a substantially rigid material.

24. A device as defined in claim 23, wherein the first support member contains a coating to prevent relative movement between the tissue specimen and first support member.

25. A device as defined in claim 20, wherein a first locating indicia is located on the first support member and visually represents the position of the tissue specimen on the first support member.

26. A device as defined in claim 25, wherein the first locating indicia is at least one of a line, a plurality of intersecting lines, a two-dimensional Cartesian plane, a grid pattern, a circle, a plurality of substantially concentric circles, and a combination of any of the foregoing.

27. A device as defined in claim 20, wherein the first support member is substantially liquid impervious.

28. A device as defined in claim 20, wherein the liquid impervious container permits the uninterrupted transmission of sound waves therethrough, and is formed of a flexible material.

29. A device as defined in claim 20, wherein a second locating indicia is located on a second side of the first support member, and said second locating indicia is substantially radiopaque when viewed on a radiograph.

30. A device as defined in claim 29, wherein the wherein the second locating indicia is defined by a low density material forming grooves in the first support member.

31. A device as defined in claim 29, wherein the second locating indicia is at least one of a line, a plurality of intersecting lines, a two-dimensional Cartesian plane, a grid pattern, a circle, a plurality of substantially concentric circles, and a combination of any of the foregoing and is substantially in registration with the first locating indicia.

32. A device as defined in claim 31, wherein the low density material further includes alphanumeric designations formed in the low density material.

33. A device as defined in claim 32, wherein the low density material is substantially plastic.

34. A device of claim 20, further comprising an indicating member that is at least partially radiopaque, and is movably mounted to the first support member, and wherein the indicating member is capable of being disposed to at least two positions indicative of at least a first radiographic image of a tissue specimen, and a second radiographic image of a tissue specimen.

35. A device as defined in claim 20, wherein the second support member is made of a substantially flexible but substantially shape-restoring material, and is formed of at least one of a foam, a rubber, and a plastic.

36. A device as defined in claim 35, wherein the second support member is a low density material so as to be substantially radiolucent.

37. A device as defined in claim 20, wherein the second support member is integral with the first support member.

38. A device as defined in claim 20, wherein the second support member is substantially the same length as the first support member.

39. A device for storing a tissue specimen comprising:

first means defining a sealable, substantially fluid-tight chamber;

second means receivable within the fluid-tight chamber of the first means for supporting a tissue specimen; and

5 third means for grasping and manipulating from a position external to the fluid-tight chamber a tissue specimen that is located on the second means and sealed within the fluid-tight chamber of the first means.

40. A device as defined in claim 39, wherein the first means is a plastic bag.

41. A device as defined in claim 39, wherein the second means is a tray.

42. A device as defined in claim 39, wherein the third means is a flexible portion of a container that is manually engageable and movable laterally within the fluid-tight chamber for grasping and manipulating a specimen within the chamber.

43. A device for storing a tissue specimen comprising:

a sealable, substantially liquid impervious container;

a support received within the container for supporting a tissue specimen;

an indicating member that is at least partially radiopaque and movably mounted on the

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support between (i) a first position indicative of a first radiographic image of a tissue specimen located on the support in a first position, and (ii) at least one second position indicative of at least one second radiographic image of the tissue specimen located on the support in at least one second position.

44. A device as defined in claim 43, wherein the second position of the tissue specimen is substantially orthogonal to the first position of the tissue specimen.

45. A device as defined in claim 43, wherein the indicating member is pivotally mounted to the support and is pivotally movable between the first and at least one second positions.

46. A device as defined in claim 43, wherein the indicating member is one of a switch, and a dial movably mounted to said first side of the first supporting member, and wherein said switch or dial has at least two positions and can be disposed to indicate a radiographic image of a tissue specimen located on the first support in a first or second position.

47. A device as defined in claim 43, wherein the indicating member is integrally formed with the first support member.

48. A device as defined in claim 43, wherein the indicating member is integrally formed with a means for movably mounting the indicating member on the first support member.

49. A device as defined in claim 1, wherein the second surface of the first support member contains a radiolucent adhesive to prevent movement of the first support member within the container.

50. A device as defined in claim 1, further comprising a means for opening a sealed container and resealing the container, and wherein the resealed container is fluid-tight.

51. A method for storing and transporting a tissue specimen comprising the steps of:

providing a device for transporting a tissue specimen, wherein the device includes a container, a flexible portion, a first support member received in the container, a second support member extending from the first support member, a first locating indicia on a first side of the first supporting member, a second substantially radiopaque locating indicia on a second side of the first support member, and an indicating member movably mounted on the first side of the first support member;

positioning a tissue specimen on the first support member, in a fixed position and then sealing the tissue specimen within the container;

exposing the tissue specimen to x-ray radiation while the specimen is fixed to the first support member and sealed in the container with the indicating member set to a first position to generate an x-ray image of the specimen superimposed on the second locating indicia;

manually engaging the flexible portion and, in turn, grasping and rotating the tissue specimen; and



exposing the tissue specimen to x-ray radiation while the specimen is fixed to the tray and sealed in the container with the indicator member set to a second position to generate an x-ray image of the specimen superimposed on the second locating indicia.